PHTHALAZINE DERIVATIVES PHOSPHODIESTERASE 4 INHIBITORS

Patent number: WO9932456

Publication date: 1999-07-01

Inventor: NAPOLETANO MAURO (IT); NORCINI GABRIELE (IT); BOTTA DANIELA (IT); GRANCINI GIANCARLO (IT); MORAZZONI GABRIELE (IT); SANTANGELO FRANCESCO (IT); SIRO HERRERO JORGE G (ES); GARCIA NAVIO JOSE LUIS (ES); ALVAREZ-BUILLA JULIO G (ES)

Applicant: ZAMBON SPA (IT);; NAPOLETANO MAURO (IT);; NORCINI GABRIELE (IT);; BOTTA DANIELA (IT);; GRANCINI GIANCARLO (IT);; MORAZZONI GABRIELE (IT);; SANTANGELO FRANCESCO (IT);; SIRO HERRERO JORGE G (ES);; GARCIA NAVIO JOSE LUIS (ES);; ALVAREZ BUILLA JULIO G (ES)

Classification:

- international: C07D237/30; C07D237/34; C08D401/06; C07D401/12; C07D405/12; A61K31/50

- european: C07D237/30; C07D237/34; C07D401/06; C07D401/12; C07D405/12

Application number: WO1998EP08291 19981217

Priority number(s): IT1997MI02806 19971219

Also published as:

EP1042300 (A1)
US6589951 (B1)
EP1042300 (B1)
DE69821650T (T
DE69821650D (T

Cited documents:

FR2468593

Abstract of **WO9932456**

Compounds of formula (I) wherein B is alkylene, amino, CONH or a bond; Cy is optionally substituted phenyl or heteroaryl; R is H, phenyl or (C1-4)alkyl optionally substituted; R1 is (C1-6)alkyl or polyfluoro (C1-6)-alkyl; R2 is (C4-7)cycloalkyl optionally containing an oxygen atom and optionally substituted; and the N}O derivatives and pharmaceutically acceptable salt thereof are PDE 4 and TNF alpha inhibitors.